



# GARS News

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August, 1994

GARS News

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## DUANE HANSON, KD4KCR GARS HAM OF THE MONTH by Johnny Fearon, W4WKP

This month's GARS Ham of the Month is Duane Hansen, KD4KCR of Dacula, Georgia.

Duane became interested in ham radio while trying to find out who was causing interference to his television. It turned out to be a CB'er across the street from his house. While trying to find out what the problem was he met Jim Baker, KC4YBQ who did a great deal to enhance his interest in amateur radio. Duane now holds an Extra Class license though he opted to keep his novice formatted callsign.

Duane attended his first GARS meeting two weeks before he received his ticket in February of 1991. He went to the March '91 election meeting and  
(Continued on p. 3)

## GARS to PROVIDE HAMFEST SECURITY by Howie Gould, W4NVF

We seem to have enough volunteers for the Atlanta Radio Club hamfest on July 23rd and 24th. I am very pleased with the turnout.

This is a chance for all who volunteered to have some eyeball with a whole bunch of visitors to this event as well as help our repeater fund out at the same time. The experience you receive from this event should be different from any other you may have been involved in and should be a lot of fun to boot.

More volunteers can be put to work, so if you have not put your name in, then please get in touch with David Adcock, KA4KKF who can also be contacted to confirm your schedules. ♦

## FIELD DAY 1994 A BIG SUCCESS FOR GARS

by Pickett Cummins, AD4S

The 1994 ARRL Field Day was a rousing success for GARS. We are indebted to John Scott, KD4VHG, who chaired this event for the second year in a row. The event was held at Rhoads Jordan Park in Lawrenceville.

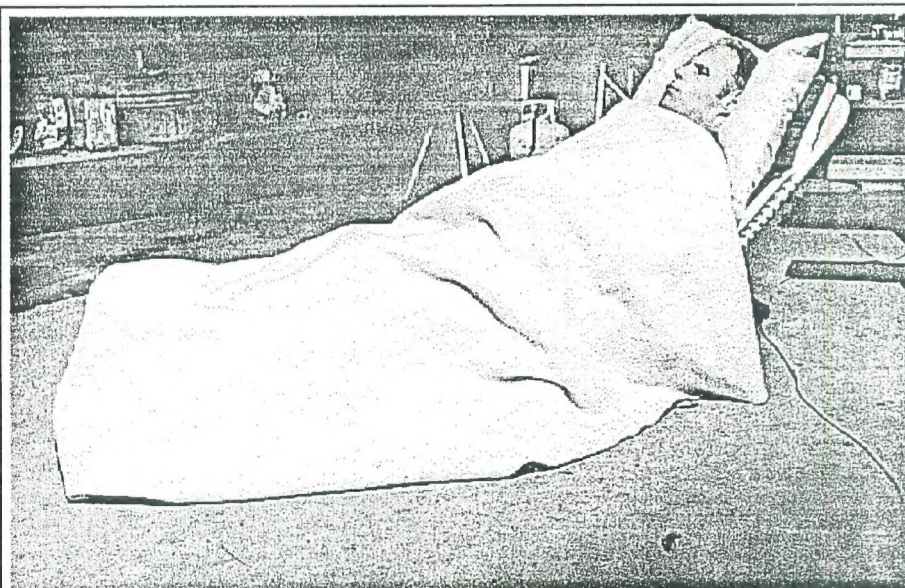
The site was perfect for a Field Day event. The shelter was large with plenty of seating and table space. The elevation was good and there were plenty of tall pines to string the antennas in.

The antenna construction and installation team was headed up by Duane

Trailer courtesy of Steve Idler, KA9UIE. Pickett Cummins, AD4S, was in charge of the logs and reporting.

Numerous people brought food, drink and snacks to keep the busy operators happy throughout the 24 hour period of operation. An information booth was prepared at the entrance to the pavilion complete with hand outs and a visitor log. A log was also provided for GARS members who participated in the event.

The logs indicated 30 GARS mem-



Johnny Fearon, W4WKP contemplates his next attack on 20-meter phone at the 1994 GARS Field Day event. As you can clearly see, this is a very stressful event requiring much endurance and fortitude.

Hanson, KD4KCR, and they did a wonderful job. An MFJ SWR Analyzer was used and considerable height was gained using a sling shot and a spinning rod outfit. The power was provided by the Scientific Atlanta Communications

bers and 20 visitors signed in. We think that there were others who came that did not get a chance to sign in.

GARS operated class 5A which means that we are competing in the

(Continued on p. 2)



## GARS News

*Gars News* is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, submit *News* items in ASCII format by posting a private message to Dean Matthews on the GARS conference of the Scientific Atlanta BBS (903-5487), then use the Save Attached save command, which will prompt you to upload your ASCII file. Art can be accepted in TIFF or PCX format on IBM compatible disk.

Contact the Editor for odd format compatibility, or other means of transfer. Deadline for article submissions is the first Thursday of each month.

The GARS address is:

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In keeping with the amateur spirit, permission is hereby granted for the reproduction of GARS News articles by other amateur club newsletters provided proper credit is given to the individual author and to GARS News.

(Field Day, Cont'd from p.1)

Club/Nonclub, emergency power with no more than 5 transmitters active simultaneously.

A total of 927 contacts were logged after the duplicates had been removed. There were 319 CW contacts, 601 phone contacts and 8 packet contacts. Each of the CW contacts were worth 2 QSO points each and we were able to claim the 150 Watts or less power multiplier for all stations on all bands. This combination gave us a claimed QSO point total of 2,490. We also have an apparent bonus total of 800 points.

If the bonus points are awarded, our total score will be approximately 3,090. We think that this may be a GARS record, but past records are incomplete.

The most popular band/mode was 20 meter phone with a total of 199 contacts. This was followed closely by 15 meter phone with 150, 15 meter CW with 130, 80 meter phone with 125 and 40 meter phone with 111 contacts.

Multiple contacts were made with 133 on different band/modes. We made 2 contacts with 95 stations, 3 contacts with 25 stations, 4 contacts with 10 stations and 5 contacts with 3 stations. The 3 stations with 5 contacts were N5WA, K4LDR and W4IZ.

We worked ARRL Headquarters, W1AW and Georgia Tech, W4AQL 3 times. Some of the more interesting call signs logged were KE8FD, N1FCC, N2YL, W6YL, K5DX and VE2SEX.

The logs showed that we worked 71 of the 77 possible ARRL/CRRL sections. As you can imagine, the 6 that we did not work were the tough ones; Wyoming, Saskatchewan, Santa Barbara, Northwest Territories/ Yukon, Manitoba and Alaska. The state that we had the most contacts with was Florida with 184 followed closely by Georgia with 156.

The following GARS members also gave the Field Day Team contacts. Jack Herndon, KE4EMA, Rick Head, KD4MQR, Randy Drescher, AC4PD and Kevin Breene, N4MIZ. Apologies to anyone that was missed in scanning the logs.

This Club event was a great opportunity to tune our emergency operating skills, demonstrate our public service

value to the public, test our competitive natures and enjoy more than 24 hours of eyeball QSOs. Those of us who participated encourage everyone else to come out next year for an even better event. ♦

## GARS GROWS GREATLY BY GOLLY!

Can you believe it? GARS sets another new record! Eighteen new members were voted in at the Ryan's' Steak House meeting in June! Welcome these new folks to GARS:

Ron Tingle, (A) N4SBI  
of Norcross  
John Sokol, (T) KE4KPV  
of Lilburn  
Paul Griffith, (A) K3SAT  
of Lawrenceville  
Michael Swiderski, (A) K4HBI  
of Norcross  
Doug Brunelle, (E) AD4AL  
of Lilburn  
Chris Fowler, (T) KE4KYP  
of Lawrenceville  
Michael Hulsey, (G) WD4DHF  
of Buford  
Arlin Lambert, (T) KB5UKL  
of Lilburn  
Abraham Lambert, (T) KC5GLR  
of Lilburn  
Christopher Lambert, (T) KC5GLQ  
of Lilburn  
Irwin Citrin, (T) KE4FJO  
of Norcross  
Dave Hall, (T) KE4IPY  
of Norcross  
Herbert Roeske, (T+) KE4IPX  
of Norcross  
Joseph Yuhas, (T) KE4IJI  
of Colbert  
Mark Brown, (T) KE4LFV  
of Lawrenceville  
Randy Bassett, (E) KR4NQ  
of Snellville

Also voted in & awaiting callsigns:  
Gloria Hulsey of Buford  
Ted Carrough of Lilburn

How am I ever going to learn all these new names and faces? Make it your business to meet these new members at the next club meeting! -ED ♦



## VOLUNTEERS STILL NEEDED for 1994 GEORGIA STATE GAMES

The Georgia State Games are a precursor to the Olympics, where amateur athletes from all over the state try to win a spot on the U.S. Olympic team.

Ham volunteers are needed to provide communications at venues all around the metro area on July 21 - 25, 1994. Areas involved include but are not limited to downtown, Smyrna, East Point, Decatur, Piedmont Park, Hogansville, Marietta, Conyers, Stone Mountain, Dawsonville, Ga Tech, GSU, Palmetto, and Douglasville.

You may be able to work in a venue located conveniently to you. A Technician license and 2 meter HT, and the willingness to help out are all that are generally required to participate in events such as these.

Contact John Sokol, KE4KPV at work (564-7434) or home (931-3235) if you would like more information about helping with these events.

*(Ham of the Month, Cont'd from p.1)*

found that no one was interested in the GARS Presidency. In his usually helpful nature, Duane stepped forward and was elected president of GARS. There is no doubt that he did not know what he was getting into but he soon learned. All-in-all it was a great year and many wonderful things happened during his term. The membership grew and people became more interested in the happenings of GARS.

Duane began his pursuit of Amateur radio as a licensed ham with a Kenwood TS-520S HF rig, and later graduated to a Yaesu 767. Along the way he also purchased an old Heathkit HW-100. His main enjoyment in amateur radio is in helping others, but he also enjoys CW ragchewing, 160 meter operation, and the Geratol net on 80-meters. He is also active in Air Force MARS.

Employed by Gwinnett County, Duane works at the Yellow River Wastewater Treatment Plant as a Class 1 Operator... the states highest rating.

He and his wife Bessie just celebrated their 24th wedding anniversary and they have three kids. One of them is son James, a new ham with the callsign KE4IKL.

Duane enjoys experimenting with antennas. He has a converted CB beam for 10-meters and a 80-meter double extended Zepp, as well as other wire

antennas. The tower that his beam is mounted on came from Pickett, AD4S.

He has been very notable in finding various ways to help others with their computers, as well as upgrading their licenses and is a charter member of the GARS Volunteer Examiner team.

Duane handled the Tuesday and Thursday evening CW practice sessions on the GARS repeater since their inception until he started getting some able assistance in recent months. He also kept the Tuesday night net alive until a regular net control could be found. At Field Day he took on the formidable responsibility of planning and building the Field Day antennas and directing their installation.

Duane is living proof that the codeless technician incentive licensing program works and is drawing talented individuals into the Amateur Radio Service. We as GARS members are lucky he is with us. ♦

## AUGUST BIRTHDAYS

3rd	K4KAZ	Fred Runkle
7th	KC4DOO	Pat Runkle
23rd	KC4YBQ	Jim Baker
29th	KD4SIL	George Neville

Information taken from the GARS Roster. Not on the list or wrong date? Let the Membership Chairman know!  
-Ed.♦

## GARS NET SETS ANOTHER CHECK-IN RECORD

*by Ike Chapman, KE4GYM*

The GARS net set a new record for check-ins on Tuesday, July 5 with 40 stations checking-in! The previous record was 30 set just last month.

Net control for the new record was Ike, KE4GYM with Dennis, KE4IKO acting as alternate net control. ♦

## ARRL NAMES GARS TO BE A SPECIAL SERVICES CLUB

You probably noticed the new logo on the mailing face of this issue of GARS News. This is because GARS has received its Special Services Club designation from the ARRL.

The ARRL has honored GARS with this designation because GARS meets the highest standards of community services.

Joe, AD4PZ has a press release from the ARRL that he is modifying for release to the local media.

As part of the SSC designation,



GARS will be naming a VHF/HF awards manager. This manager can check cards and certify them for WAS and 5BWAS HF awards and the VUCC VHF award.

Don Ennest, KE4GGP has accepted the position of VHF/HF awards manager for GARS. ♦



## Contact GARS

### OFFICERS 1994-1995

#### President:

W4NVF Howard Gould 921-8362

#### Vice President:

KD4QFD Larry Osborne 972-1185

#### Secretary:

KE4GYM Ike Chapman 339-8123

#### Treasurer:

WA4QYY Charles Evans 448-0930

#### Activities Mgr:

KA4KKF David Adcock 963-5767

#### News Editor:

AD4OD Dean Matthews 962-8941

#### License Trustee:

KO4ZS Paul Bennett 206-0215

### BOARD OF DIRECTORS

W4VWKP Johnny Fearon 466-4038

KD4EHG Buddy Dowdell 476-1616

KD4HMC Sam Roundtree 921-7423

W4NZJ Jud Whatley 972-1940

### COMMITTEES

#### REPEATER:

##### Chairman:

W4NVF Howard Gould 921-8362

##### Members:

K4KAZ Fred Runkle 945-6356

KA4EMV Robert DeVeau 923-3963

W4IXN: Richard Barnes 995-7248

KD4SIL George Neville 963-0705

KD4KCR Duane Hansen 962-6086

KE4EIH Bill Ahls 279-7044

#### MEMBERSHIP:

KE4EMA Jack Herndon 995-0438

#### PUBLICITY:

AD4PZ Joe Biddle 963-4316

W4VWKP Johnny Fearon 466-4038

#### FIELD DAY:

KD4VHG John Scott 978-0995

#### HAM CLASSES:

KA9UIE Steve Idler 513-0428

### JOIN GARS

Membership dues for the 1994-1995 are:

\$25.00 for Individual Memberships

\$35.00 for Family Memberships

Contact Jack Herndon, KE4EMA at 995-0438 for more information about joining GARS.

### GARS

#### W5YI-VEC TEST SESSION

4th Friday at St. John Neumann Church - 801 Tom Smith Rd, off Five Forks Trickum Road, Lilburn. Contact Howie Gould, W4NVF at 921-8362. Walk-In Exams - Headphones!

### Gwinnett Amateur Radio Society

#### Monthly Club Meeting

June 16, 1994

#### Meeting Minutes

In Attendance: Howard Gould, W4NVF President; Larry Osborne, KD4QFD Vice President; Ike Chapman, KE4GYM Secretary; Charles Evans, WA4QYY Treasurer; David Adcock, KA4KKF Activities Manager; Dean Matthews, AD4OD Newsletter Editor; Paul Bennett, KO4ZS License Trustee; Joe Biddle, AD4PZ Publicity Manager; Jack Herndon, KE4EMA Membership Chairman.

The meeting was called to order at 19:34 local time by President Gould at the Ryan's Steak House in Lawrenceville. Introductions of those in attendance was next on the agenda with 79 members and visitors present.

The minutes of the May meeting were accepted as published in the newsletter without objection. Charles, WA4QYY, gave the treasurers report, a copy of which is attached to these minutes (*In the clubs archives, -ED.*)

Larry, KD4QFD, volunteered to hold a class on the building of wire dipole antennas where you could build your own antenna and take it home with you. All those interested are encouraged to contact Larry for more information.

Dean, AD4OD, thanked Lotus Development and an unnamed club member for the donation of a copy of AmiPro which he uses to put the newsletter together. Dean reminded everyone that the deadline for newsletter submissions is the first Thursday of each month.

Jack, KE4EMA, presented applications for 18 prospective new members. All applications for memberships were accepted without opposition. The new members joining GARS are: N4SBI Ron Tingle; KE4KPV John Sokol; K3SAT Paul L. Griffith; K4HBI Michael J. Swiderski; AD4AL Douglas D. Brunelle; KE4KYP Chris Fowler WD4DHF Michael Hulsey; waiting Gloria Hulsey; KB5UKL Arlin L. Lambert; KC5GLR Abraham L. Lambert; KC5GLQ Christopher N. Lambert; waiting Ted Carrough; KE4FJO Irwin L. Citrin; KE4IPY Paul (Dave) Hall; KE4IPX Herbert Roeske, Jr.; KE4IJI Joseph N. Yuhas; KE4LFV Mark A. Brown; KR4NQ Randy Bassett.

Joe, AD4PZ, reported a press release campaign is underway for Field Day with new releases having already been sent to the area newspapers and TV stations. Joe read the proclamation from the Gwinnett County Board of Commissioners naming the week of June 20 through 24 as Gwinnett County Georgia Amateur Radio Appreciation Week (a copy of this proclamation is attached to these minutes). As recognition of this event, GARS will have a table set up in the lobby of the GJAC staffed by GARS members.

Duane, KD4KCR thanked Jim, KC4YBQ for volunteering to help him with his wife's car due to a breakdown and thanked Ron, KD4FNH for taking three hours of his day to assist him with the car problems. Duane then gave a status report on Field Day. The antenna building will begin at 09:00 local time on Saturday, June 24 and Duane asked for volunteers to be on-site to assist him.

David, KA4KKF, volunteered to serve as on-site net control for talk-in on the repeater beginning at 09:00 local time, Ike, KE4GYM, volunteered to relieve David at 12:00 local time. David, AD2Q, presented tee shirts to those volunteers that worked Hog Mountain Bicycle Race.

Howie, W4NVF, discussed an offer from the Atlanta Radio Club to have GARS members provide security for the upcoming Southeast Ham Convention. ARC has agreed to make a donation to the repeater fund and provide any GARS member that works a minimum of two hours with a free pass to the Convention. David, KA4KKF, passed around a schedule for volunteers.

Tammy, KE4IKK, reported on the Fort Yargo picnic scheduled for July 16. The picnic will be held at one of the large family shelters that is adjacent to the lake. Everyone is to provide their own food and GARS will provide soft drinks, ice, and charcoal. Each family attending will also have to pay their own \$2.00 parking fee. Brian, KC4LYS, talked about the two fox hunts that will be organized at the picnic, one will be "easy" and the second one will be more difficult.

David, KA4KKF, discussed upcoming activities for GARS. David passed around a sign-up sheet for use of the Tempo 2020 transceiver that was donated to the club by Rick, KD4MQR. GARS has asked been to provide volunteers to staff the STARS station at SciTrek on the third Sunday and the fourth Thursday of each month. David asked for people interested to contact him. David also reminded everyone that we have a bike race to cover on September 24, anyone interested should contact Charles, WA4QYY.

John, KE4KPV, asked for people to volunteer for the Georgia State Games on the Georgia Tech campus July 21 through 24.

(Continued on next page)



(Minutes, Cont'd from p.4)

The next GARS meeting will be on July 21 at the Red Cross building with pre-meeting fellowship and dinner at Ryan's Steak House. David, KA4KKF, volunteered to organized a code class.

Arnold, KC4ZUA, made available information on lightning protection

for the repeater. Paul, KO4ZS, will investigate the cost and report back to the executive committee.

Bob, KD4VHW, volunteered to head up a committee to look for a new meeting site since the number of attendees is outgrowing the Red Cross building. Howie asked that a letter be written to the Red Cross thanking them for the use of the building. The meeting was adjourned at 21:35 local time. ♦

## WORKING SCI-TREK

by John Sokol, KE4KPV

I worked the STARS exhibit from 1:00 to 4:30pm Sunday, June 19, 1994. The day went surprisingly fast, I realize the museum scheduled between Noon and three, but I did not want to leave.

I was inundated with the many different radios available, and since I am new to this hobby, most were beyond my comprehension. I stayed with the 2-meter rig, and Kenwood TS-711A.

Also available to use was an amateur TV connected to a Yaesu FT747GX, a packet rig using a Hyundai PC, a Panasonic KX-P109li printer attached to a Yaesu FT2400 and a Pakratt 232MBX.

There was also a packet-cluster using a Kenwood TW4000 and a Kantronics KPC2400. "Worldwide Radio" was worked through a Kenwood TS940S and finally RTTY could be used via a Kenwood TS440S.

I turned on the Kenwood TS940S and tuned in 20-meters and listened to several east coast stations. Due to my license limitations, I could only listen.

I had several visitors of all ages and not only the youngsters were interested.

in amateur radio. I had a long conversation with one gentleman who could have been my dad. There were several youngsters playing with the code keys that were out for display. One boy figured out his name and then asked me could I read what he "sent". Unfortunately, I had to tell him no as I am a Tech-No Code. Naturally, I'll be waiting for the code classes to begin!

I was then visited by N2LHB, Bill. Bill then fired up the 20-meter station,

attempting to contact some friends in New York.. After negative contact, Bill cranked up the packet radio and sent his friend a message that way. I watched, and learned about packet radio, and want to know more. My, how addicting this hobby is getting!!

Finally, it was time to close the W4NT shack and go home. I really did not want to, but I'll be back in July to man this well-equipped facility, this time with more knowledge. ♦

## The PRESIDENT'S PEN by Howard Gould, W4NWF

We are really doing great things as a club and I hope the energy and excitement keeps up. As long as we can keep providing something of interest for everyone, there should be lots to offer in the months ahead.

Our last meeting at Ryan's was a success as one could tell from the attendance which was somewhere in the range of 79 to 80. That is a whooping attendance compared to meetings of the past.

Needless to say the membership is up and a lot of the credit for that has to go out to Jack, KE4EMA our membership chairman who with the help of Joe, AD4PZ and Johnny, W4WKP in the PR department have been doing a bang up job of getting out the news to every nook and cranny of the county and then some.

I believe the total membership is now 130 including family. I suspect that this figure will almost double in the next 6 months due to the addition of new amateurs coming out of the test sessions at a rapid pace.

I hope to see a good turnout for the Ft Yargo event on July 16th. This is a place you can take your whole family to and really enjoy yourself. There should be something for everyone there even if you only want to do nothing but sit and relax. Come along and join in the fun and relaxation, you may even meet a new friend or two. We have the space reserved from 10 am to 10 PM.

Field Day at Lawrenceville City Park was a success as can be told by many a GARS member. We had an

excellent site to operate from and the attendance was very high for this very popular event. We had 5 stations on the air and even had one station working out of a motor home which Stan, WA4IZI brought along.

For many of our members this was their very first Field Day. There was plenty of food and cold drinks to go around with everyone contributing something. I spent the whole night there going home about 5AM and coming back for the last hour or two on Sunday.

I want to tell you that everyone who was there thoroughly enjoyed themselves to the limit. This is not to say that everything went as smooth as silk because it did not, but the bugs we had will be ironed out for next years event. If you did not participate in this event then you are missing a lot of fun and excitement.

Thanks to the many club members who made this event a success the call signs are endless and so are the visitors who came by to say hello. Perhaps this is the beginning of a long line of hams who want to become part of an active club in so many ways.

I keep talking about the new hams in our club and all the good things we are doing for them, but you know there is a void for the old ones here that needs to be addressed. I would like to see you old timers come out of the woodwork and let me know what you would like the club to do to make your stay with us more interesting? I have no great ideas

(Continued on next page)



# QUA

## 1st Tuesday,

### Metro Atlanta Telephone Pioneers

Odd numbered months at Morrison's on Jimmy Carter Blvd at 7:30PM; Even numbered months at the Southern Bell Center at 12:00 Noon TI-145.41-

## 1st Wednesday -

### HamWatch

Shoney's 116'00 Alpharetta Hwy., Roswell (about 2 1/2 miles North of Holcomb Bridge Rd across from North Fulton Hospital) Dinner at 6:30PM. Meeting is at 7:30 PM

## 1st Thursday

### N.E. Georgia Amateur Radio Club

Jefferson Civic Center, off Memorial Dr. toward Winder from Jefferson. Dinner at 6:15. meeting is at 7:00PM. TI-147.225+

## 1st Thursday -

### Atlanta Radio Club

Days Inn at I-285 and Roswell Rd. Dinner at Old Hickory House at 6:00PM. Meeting is at 7:30PM TI-146.82-

## 2nd Wednesday

### North Fulton Radio League

Cherokee Cattle Company, 11208 Alpharetta Hwy. Dinner at 6:00PM. Meeting at 7:30PM TI-145.47-

## 2nd Thursday

### Alford Memorial Radio Club

Elks Lodge on Memorial Drive. Dinner at 6:00PM Meeting at 7:30PM. TI-146.76-

## 2nd Saturday

### East Atlanta LAN

Scott Blvd Baptist Church in Decatur. Meeting is at 10:00AM. TI-145.41-

## 3rd Thursday

### Gwinnett Amateur Radio Society

Red Cross Building, Hi-Hope Rd off Hwy 316 in Lawrenceville. Fellowship dinner at Ryan's Steak House on Hwy 120, South of 316 at 6:00PM. Meeting is at 7:30PM. TI-147.075+ ♦

(Presidents Pen, Cont'd from p.5)

right now but with your help and understanding maybe we can come up with some active programs to make the hobby more attractive to you.

Do we need more social programs? Common building projects? More civic events? I would like to hear from you on an individual basis, or as a group, it really does not matter just as long as we are on a common ground to help each other get a little more out of the hobby.

The heat of the summer has arrived and a lot of starch is taken out of all of us so that even ham radio has to take a back seat. The bands are not all that great and we wonder what will happen next?

There is a lot of changes taking place in our hobby on the official level with the FCC like vanity calls which will be a reality real soon. The manufacturers of ham equipment are in a slump trying to come out with a zillion new models to catch our eye at a very high price and we are heading for the worst years to come in the sun spot cycle. By 1997 we should be making the climb back up.

We need to concentrate on good antennas rather than the best rig on the market because things are going to get worse before they get any better.

I have seen a lot of changes take place in this club since February and a lot has been for the good. I see members ready and willing to give some of their precious time to the club.

I have seen them donate some of their business experience from the commercial world to the club. There has been art work, physical labor, legal aid, and in one instance I have seen a member donate repairs normally derived from a special trade to a friend of a hams wife because that member felt compassion for the individual.

These are not forced things that members are doing, they are doing them because they have genuine feeling for people and they want to help in the best way they can. This is what fellowship is all about, feeling good about yourself because you are doing something for someone else. I think it is great and I hope it continues. ♦

When we asked our members to help out on the repeater fund, they came through with flying colors and almost 50 % donated immediately and some with more than their share of the load. I am proud to be part of this group of fine people who call themselves radio amateurs. There is no finer hobby in the world than this one.

Let us continue this pattern as we grow into the future and let us be free with our advice in a helping way with respect for each other.

Our next meeting will be at the Red Cross Building with fellowship dinner at Ryan's. If the membership continues to grow as it has been doing, we will be forced to exit the Red Cross Building no matter how much we would hate to do so because it is just too small a place to hold a meeting for a group of our size.

We owe a special thanks to Jay and Jean Sager, WA4BXA/KA4BNG who were instrumental in setting this up for GARS meetings and also insuring that the building was opened for each and every meeting for years and years as well as providing refreshments for all.

The Sager's contributed much, much, more over the years to the clubs progress and well being. We wish them the best if and when we have to leave the Red Cross Building, and we hope that they will follow wherever GARS goes. We certainly will not burn any bridges behind us and this move will only take place when we are assured of a permanent place to meet that will hold all the membership and then some.

Please remember that if you are thinking of joining the ARRL, we receive \$5.00 for each new member signed up by the club and \$2.00 for each renewal, so turn your dues into or mail them to the attention of the club treasurer, Charles, WA4QYY.

With that in mind, I hope to see you all at the next meeting. Bring a friend if you like or just yourself, but do come and enjoy the fellowship we have to offer.

73,Howie W4NVF

A Not Very Funny Production



## ADVERTISE IN GARS NEWS

We are now accepting a limited number of advertisements for publication in the GARS News.

Contact either Jim Baker, KC4YBQ at 479-0479, Joe Biddle, AD4PZ at 963-4316 or Dean Matthews, AD4OD at 962-8941 for more information.

All of the proceeds from the sale of advertisements go to support the Gwinnett Amateur Radio Society, a non-profit ARRL Affiliated Special Service organization.

## VE UPDATE

by W5YI-VEC Howard Gould, W4NVF

Sid Weaver passed his advanced class at our last session.

Mary Stowell, KE4KSG passed her Advanced class at Lawrenceville by passing the 13 wpm code she has passed all written including Extra.

We had 11 testees at our last VE session with 6 brand new no code licensees and 1 upgrade, Sid Weaver.

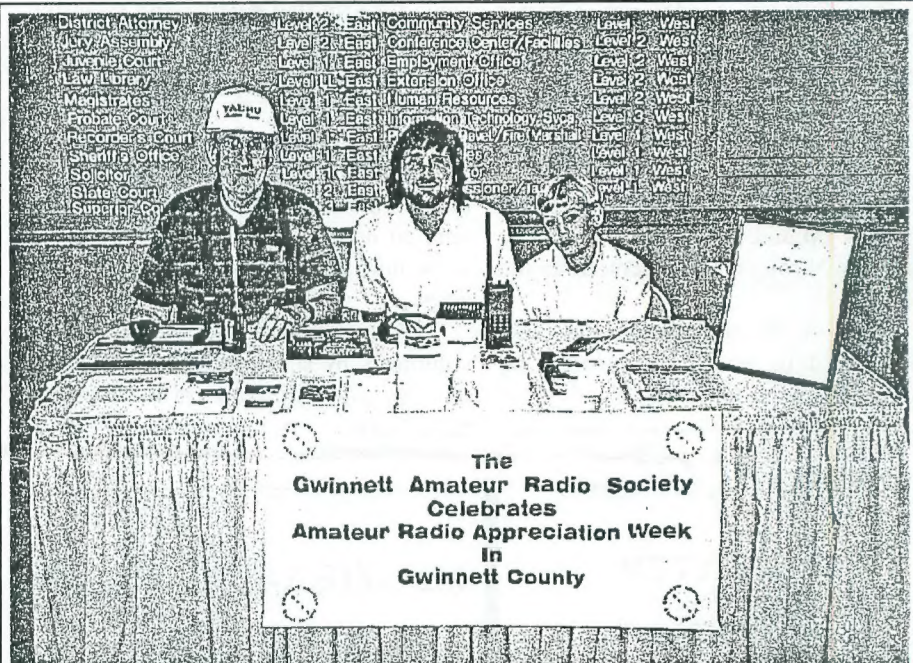
## HAM WEEK at GJAC

by W5YI-VEC Howard Gould, W4NVF

The GARS exposure at the Gwinnett Justice and Administration Center was a success also as we had a table set up for the whole week which was attended to a few hours each day by Jim, AK8E, Steve, AD4LY, Tom, AC4UR, Johnny, W4WKP and myself. We had interested persons stop by and we introduced them to GARS

and the hobby.

This has not hurt us at all in getting out the news about our club and hobby. We have a few other outings planned for the future and I hope that all members will give some thought to giving us some of their time to join us in our efforts to see that youngsters especially receive the news about the hobby. There is nothing that can take the place of a genuine hands on experience of showing off our radios to the general public and it is so rewarding.



GARS President Howie Gould, W4NVF and July's GARS Ham of the Month man the table at the Gwinnett Justice and Administration building as part of our demonstration during Amateur Radio Appreciation Week in Gwinnett County.

## REPEATER NEWS

by Howie Gould, W4NVF  
Repeater Committee Chairman

The new repeater is due in soon and we need to address a problem that may exist with some of our members regarding telephone and speed dial numbers listed in the roster.

This is to notify those of you who do not want your telephone or speed dial number listed in the next roster to notify Jack, KE4EMA in writing to P. O. Box 88, Lilburn, Ga 30226. We will only list

your name, call and address. You will be issued a patch code which you can hold confidential. I might add that this is the honor system folks and we expect members to hold this information confidential as far as the roster is concerned. I hope we don't have to go to a closed system by not listing any speed dial numbers.

Another problem that keeps coming up is the way some of our members take it upon themselves to be a guardian of the repeater and in doing so jump to a conclusion that we have a bootlegger on when in reality it is a legitimate bonafide user of the repeater with a bonifide ham call. Granted that sometimes this is caused by improper identification of the

station in question, but these situations can be handled much more diplomatically than I have heard without offending anyone. What we don't want is to create another monster within the club of member against member over trivial circumstances that breeds unrest and eventually causes good members to leave because of the interaction. Please folks, hold your tongue and follow a code of ethics. Identify your station at all times, if you get into a conversation that seems to be leading into deep water, try to resolve it on the telephone or bring it to the attention of a club officer. Under no circumstances should a GARS member address a situation on the repeater with offensive or abusive language. ♦



## SEPTEMBER BIKE RACE PLANNING HAS BEGUN

*by Howie Gould, W4NVF*

I need to take this time to plug the big bike race in September which will be on the 24th. I kinda put Charles WA4QYY on the spot by telling Jerry Metcalf who is not a ham but heads up this race that Charles would head the ham group after Jerry said to me that Charles was the best man for the job.

I then told Charles that I would back him up and supply all the help he could use through volunteers from the club.

I felt at the time I said this that there would be no problem supplying the help knowing what this club has for

potential. I still feel that way today. So I am asking all of you who can spare some time on that date to sign up at the next meeting or by Aug. 1st as we need to have a minimum of 15 volunteers and then some in order for this to be a successful event for the club.

Jerry Metcalf has asked that we give him all the names of those who will attend so he can make up T Shirts to be worn during the event along with their sizes.

By the way Jerry takes good care of volunteers by supplying food and drink etc. The club will also receive a substantial donation to its repeater fund. ♦

### WORK GARS

#### REPEATER

GARS 2-Meter  
FM repeater 147.075 MHz +600

#### TELEPHONE BBS

GARS Conference in  
Sci-Atl phone BBS 903-5487

#### 6-METER BEACON

WA4IOB 6 Meter Beacon at 50.075 MHz

#### PACKET

WD4JXR-6 / SNELLV Packet  
Node/Digipeater 147.03 MHz

### SWAP, WANTED and SELL NET

Tuesdays at 8:00PM on the  
GARS Repeater. 147.075 MHz

### MORSE CODE PRACTICE SESSION

An interactive Morse Code practice session immediately follows the 8:00P.M. Tuesday night net on the GARS repeater, and on Thursdays at 9:00P.M..

### ROOKIE RADIO NOTES

*by Cheryl McClure, KE4JKM*

We will be wrapping up HowieLab on July 9th at 11 am. Thank you Howie for your time, patience and instruction. Although the attendance was not what we would have liked, those who were there genuinely appreciate everything you've done. Also, thanks to your wife, Marie, for the delicious snacks to keep us going!



Field Day 1994 was rookie paradise! A different radio every direction you turned, all tuned up by experts just waiting to be keyed. Sage advice available for 24 hours straight! A special thanks to Howie, W4NVF, for lessons on how to tune a HF rig and to Duane, KD4KCR, for the demonstration on

making and installing dipole antennas. I especially enjoyed the clinic on sling-shot vs. fishing rod techniques.



Rookies had another opportunity to learn about antenna building at our vice-presidents home on Saturday, July 2nd. Larry, KD4QFD, invited all comers to work in his driveway on the antenna of their choice with access to his equipment and expertise. Some antennas came out better than others, but everyone definitely came away knowing a little more about the science of antenna building. This class is a good example of why you should listen to the Net every Tuesday night. You never know what opportunities may pop up between newsletters.



Coming soon: A code class is still in the works. Pay close attention to newsletters and Nets for information. You don't want to miss this!



Also, Johnny, W4WKP, has told me he knows of some ham shacks that would make a great tour for us. Having one tower in the back yard would be really nice, but can you imagine having multiple towers and the radios to run them all? Johnny is willing to inquire about allowing us to visit if there is enough interest.

Let me know (995-5159) if you don't mind turning a little green with envy and I'll give Johnny a call! ♦

In the February issue of QST\*, in the Southeastern Section news on page 118 I spotted an item of interest. It seems Johnny Fearon, W4WKP was elected CO-Secretary of the Georgia Single Sideband Association. Congratulations John!

\* Oh, by the way that was the February, 1970 issue of QST! This is a long-path notice.



Thanksto GARS  
from Chapter 49,  
QCWA

## WANT TO INCREASE YOUR CODE SPEED?

by Johnny Fearon, W4WKP

On July 7th, Chapter 49, Quarter Century Wireless Association (QCWA) set up a special event amateur radio station at Camp Twin Lakes, Rutledge, GA. This annual activity is referred to as "Camp Independence" for young people suffering from a variety of kidney ailments and is supported by the National Kidney Foundation of Georgia.

In addition to Chapter 49, representatives from several metro clubs participated which included: ARC, GARS, MATPARC, and North Fulton. Although the weather was most uncooperative with severe rains and HF bands in sad shape, we were able to demonstrate Amateur radio communications capabilities, including autopatch, using the GARS repeater.

This truly assisted our efforts in brightening the kids' week-long stay.

73,

Jud Whatley, W4NZJ

President, Chapter 49, QCWA ♦

If you ask a group of hams how to go about increasing your code speed and code accuracy you will get a myriad of answers. Some of the ways that I know are old, after all I used them in 1952 while getting my novice and general, though some are still very viable methods.

Many of the new members of GARS have only 2-meter equipment. If you are one of these, you should take advantage of the code practice offered on the GARS repeater twice a week, it will help you a lot..

It will also help you if you can get an HF receiver so you can listen and try to copy stations on the air. When you do, try to push yourself to copy at speeds little faster than you are comfortable at. You will miss some letters, but so what! The more you try to copy, the better you will get at it.

There are several GARS members willing to get on and work you if you have an HF transceiver. Listen to the GARS repeater in the evenings. They often co-ordinate there on the way to 28.350 (10-meters).

If you have no HF equipment you are welcome to come to my home and work my rig on CW for the purpose of increasing your code speed. I can't help you with theory, but I will help you with Morse code. I am even considering teaching a code class, to take people from 5 WPM to 13WPM, and beyond - if there is enough interest and a location can be found.

Please contact me to discuss the classes or arrange a visit to my shack for some on-the-air CW contacts.

## GARS MEMBER'S WIFE HELPED BY HAMS

by Johnny Fearon, W4WKP

Bessie, the wife of this months GARS Ham of the Month Duane Hanson, KD4KCR got a new appreciation for ham radio when the hand controls on her car failed one day recently.

She got someone to call Duane at work and he came and tried to fix it. He couldn't fix it so he got on the radio and called to see if another ham was on the air and in the area that could come and stay with her until help could arrive, to allow him to return to work.

Ron Carter, KE4FNH and Jim Baker, KC4YBQ both volunteered to assist.

This is common in GARS, that when someone is in need there seems to always be someone to assist them. Ron was closest, so he came and helped. ♦



CQ Field Day...CQ Field Day...CQ Field Day...CQ Field Day...CQ Field Day  
GARS News Editor, Dean Matthews, AD4OD, looks a little negative in this photo taken during the wee hours of Field Day, 1994. Dean likes working the graveyard shift between 2:00am and dawn. Thanks to Joe AD4PZ for all the great pictures!



## An Old Ad For a New Mobile Antenna

by Dean Matthews, AD4OD

A friend gave me some old ham magazines recently. Reading through the February 1962 issue of 73 magazine I found a 2 page ad from New-Tronics announcing a new mobile antenna system, and a contest to name it.

This new antenna featured fold-over masts in two different folding heights, and screw-in center loaded resonator/whip assemblies to cover each of the HF bands.

First prize was a Collins KWM-2 transceiver and matching power supply, noise blanker, mobile floor mount (*boy you had to have a big dash to mount that one under*), a New-Tronics "Noise Blanker antenna, and complete antenna kit for 10-15-20-40-75 meters... the new one you thought up the name for.

Ten (10) mobile antenna assemblies were also to be given as consolation prizes.

The grand prize was worth about \$2000.00... in 1962 dollars that was a heck of a prize. New-Tronics must have really had confidence that these antennas were going to be a hot seller for a long time, to put this much up for a prize just to name them.

Were they right? Did the investment pay off? Judge for yourself... I found the answer in the May issue of 73. A full page ad on page 43 showed a picture of the grand prize winner John Nowacki, K8VZU, a young man apparently about 20 or so years old. The name for the new antenna system he won with - the Hustler antenna, and the rest is ham history.

Another point of interest, one of the ten runners-up listed as winners of the consolation prize of a new Hustler antenna system was none other than a Peter J.F. Shaw, K4LDR. Is he really that old?  
Hi Hi

## HOW TO GET REPAIRS DONE ON YOUR RIG

by Johnny Fearon W4WKP

Several years ago I remember that there was nowhere in Atlanta where you could take your ailing rig in Atlanta and get it fixed. The only thing that could be done was to send it back to the factory for repairs.

First Milt Lord opened his Ham Repair Company in Kennesaw and became a Kenwood warranty station. Later on Icom opened a factory service center in College Park to repair their equipment. The center soon closed and those who worked there were transferred to Washington.

Mike Mahaffey N4UJR did not want to go to Washington, so he opened up his own small company fixing Icom radios. That company is called AMPRO and is located in Acworth. Since the proprietor of Ham Repair Company was out of town, and I needed some work done on my Kenwood 641, I called Mike in desperation. he agreed to help me, and indeed the rig is working fantastically.

I feel that they are both reasonable on their prices and can provide a good service to the hams in the area. In addition, Milt makes and sells videos on how to fix certain rigs, such as Kenwood HF units, and also on general linear amplifier maintenance. It is difficult, however, for either of them to work on handi-talkies, because HT's are so small and require so much dexterity.

There was another repair company in Suwanee called Cottage Solutions, owned by John Pelham, W1JA. Unfortunately, that company has also gone out of business. I so far have been unable to determine if he will still work on radios, if needed, for pay.

In addition, Kenwood has a service known as Kenwood Service Center East, located in Virginia beach, Va.. I have also sent a radio to them and got excellent turnaround. I find the turnaround is usually 2 weeks or less. The manager is Steve Shrader, WA4GOX, a former Atlanta ham.

I wrote this article in order that people would not send their rigs back to the manufacturer, however, if you have a Ten-Tec the best thing to do when it gives trouble is to call them. They can usually troubleshoot the radio on the phone if you tell them the symptoms, and their factory service is very good if you have to send your unit back. They have one of the best turnaround times of any manufacturer in the U.S..

Kenwood Service Center East  
829 Lynn Haven Pkwy Suite 130  
Virginia Beach, VA 23452  
Manager; Steve Shrader, WA4GOX

## DID YOU KNOW?

by 84-Odie

That in 1962, FCC regulations prohibited Novices from using VFO's. Their radios HAD to be crystal controlled! An article in an old 73 magazine offered an LC circuit to pull a crystal rig up and down the band (*and stretch the rules a little, I think*) a few kilocycles above and below its design frequency to give the Novice a little bandwidth.

## LET'S GO TO DAYTON

by Johnny Fearon W4WKP

Johnny, W4WKP has an idea to get a group of GARS members together to go to the Dayton hamfest next year. The idea would be to save transportation and accommodation costs and enjoy the long trip more with good conversation. Contact him at 466-4038 if you would be interested in participating.



6-95

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**OLD RAGS-  
GLAD RAGS**

by 84-ODIE

Elsewhere in this issue, I mentioned the gift of some old magazines from a friend and fellow ham. At the time I thought "just what I need, more junk in my shack". I couldn't have been more wrong, I have been having a ball with these.

I am sure OF's like Howie and Johnny would just think of these as items of nostalgia, but I find they are much, much more.

How about a buyers guide for 1963 amateur equipment? Manufactures such as Alden, Knight, Altronics-Howard, B&W, Clegg, Collins, Drake, Elmac, G.C., Geloso, Gonset, Hallicrafters, Heath, Hammarlund, Holstrum, J&D, Johnson, Lafayette, Millen, National, Pausan, P&H, Polytronics, SBE, Supreme, Swan, TMC, Utica and many more.

Introductory ads are there for equipment you see in the boneyards with all their new specs and prices.

Antenna articles appear for the predecessors to antennas we see to day.

Construction articles show design methods for tube type equipment and their predecessors. In one, a QST

article was quoted as stating that while transistors are useful as audio devices it is improbable that they will ever be useful as RF devices. Ha!

It is interesting to see which companies alive today have been around since then. Cushcraft, Burghardt, AES, Fair Radio, Henry, Hy Gain, Vibroplex and others.

It is also interesting to see how attitudes have changes, and not changed over the years. 73 magazine seems to have started due to some rift with the League. Month after month the editor made barb after barb picking apart everything they did. Hams bemoaning technicians and discussing the need to preserve CW. Can you believe these discussions have been going on for 40 years?

I noticed that QST was the official organ for the IARU in 1970 as well as for the ARRL. I can't find such a reference in today issues. When did that end and why did it end?

I see 6 meters was a big thing back in the 1960s too. Tons of ads for rigs covering 6 meters, and 6-meter/2-meter combo rigs were a hot item as well.

More to come on this on future issues as I probe on.



Detach and Mail

**GARS MEMBERSHIP APPLICATION (SHORT FORM)**

Amateur Callsign: \_\_\_\_\_ Class: \_\_\_\_\_ Expires: \_\_/\_\_/\_\_ Date of Birth: \_\_/\_\_/\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ - \_\_\_\_\_ Work-Phone: \_\_\_\_\_ - \_\_\_\_\_ Fax-Phone: \_\_\_\_\_ - \_\_\_\_\_

Type of membership: ☐ Individual ☐ Family ARRL Member? Y/N \_\_\_\_\_ Life? Y/N \_\_\_\_\_

Additional members for Family Memberships:

NAME:

CALLSIGN:

CLASS (circle 1)

BIRTH DATE ARRL Y/N LIFE? Y/N

E A G T + T N \_\_/\_\_/\_\_ Y/N Y/N

E A G T + T N \_\_/\_\_/\_\_ Y/N Y/N

E A G T + T N \_\_/\_\_/\_\_ Y/N Y/N

Check Interests:

☐ -Class instruction ☐ -Field Day operation ☐ -Repeater maintenance ☐ -Gars club booth staffing ☐ -Community events☐ -Emergency ☐ -Administrative ☐ -Fund raisers☐ Other \_\_\_\_\_

Dues: April 1 to Sept 30

\$25.00 for Individual Memberships

\$35.00 for Family Memberships

From Oct. 1 to Dec. 31:

\$12.50 for Individual Membership

\$17.50 for Family Memberships

From Jan 1 to March 31

\$6.25for Individual Membership

\$8.75for Family Memberships



Mail your completed application with check made out to GARS to: Gwinnett Amateur Radio Society, PO Box 88 Lilburn, Ga 30226



Atlanta Metro Area VE/VEC Examination Schedules From SERA Repeater Journal and other sources. Published as a service to its members, GARS assumes no responsibility for errors or schedule changes. Call and confirm schedules before going. All sessions are walk-in.

1st Sunday - Lawrenceville W5YI-VEC - Jackson EMC  
461 Swanson Rd - Lawrenceville - 2:00PM  
Duane Reynolds, WB2YAD - 962-9582

1st Monday - Roswell CA-VEC 7:45PM  
St Ann Catholic Church - 4905 Roswell Rd - Marietta  
Delaine McCarthy, KM4FV - 993-9758

1st Saturday - Clayton Co. Emergency Mgmt Bldg  
7496 N. McDonough St. - Jonesboro - 9:00AM  
George White, KN4NG 361-6850

2nd Sundays - First Presbyterian Church  
183 West Main Street, Cartersville 3:00PM  
Mark Swicord, KD4EYF - 975-1309

2nd Tuesday - Walton EMC 7:00PM  
3645 - Lenora Church Rd, Snellville  
Wayne Taylor, WD4CCA 498-7759

2nd Saturday - Stn Mtn CA-VEC 8:30AM  
Stone Mountain-Methodist Church  
Hal Martin, KI4RD - 978-9160

3rd Saturdays - Marietta First United Methodist Church  
56 Whitlock Ave, Room 319 - 9:00AM  
Larry Huff, WA4CQZ - 955-3171

4th Sunday N Atlanta ARRL-VEC - Episcopal Church of the Atonement  
2:30PM Highpoint Rd, Atlanta  
John King, AB4GK - 381-5291

4th Friday GARS W5YI-VEC - 7:00PM - St John Neumann Church  
801 Tom Smith Rd, off Five Forks Trickum Rd, Lilburn  
Howie Gould, W4NVF 921-8362 Headphones!

## HAMFEST CALENDAR

July	9 ... "Firecracker Hamfest, Salisbury, NC
July	16 .. Mid-Summer Swapfest, Cary NC
<u>July</u>	<u>23-24 Atl Radio Club Hamfest - Atlanta.</u>
July	30 .. WCARS Hamfest - Asheville, NC
August	6 ... Central Ga Hamfest- Perry, GA
August	20-21 Hamfest - Huntsville, AL.
August	27? Confed. Sig. Corps. Hfest - Madison, GA
August	28 .. Hamfest - Cedars of Lebanon, TN
Sept	3-4 .. 37th Annual Hamfest -Shelby, NC
Sept	10 .. Hamfest -Statesboro, GA
<u>Sept</u>	<u>24? Lanierland ARC Hamfest, Gainesville GA</u>

?=Date not confirmed. Several entries taken from SERA Journal.  
Georgia locations are bold, Nearby locations are bold and underlined



P.O. Box 88  
Lilburn, Ga 30226



at Dues:04/01/95

**REMEMBER** - The Fort Yargo Picnic on the 16th!  
regular location at the American Red Cross Building on Hi-Hope Road in Lawrenceville on the 3rd Thursday July 21st.

This month's GARS meeting will be back at its  
regular location at the American Red Cross Building on Hi-Hope Road in Lawrenceville on the 3rd Thursday July 21st.